

Docket No. LSA18  
US App. No. 10/575,046

IN THE CLAIMS:

1. (currently amended) A fruit/vegetable slicer for slicing the food stuff, characterized in that it comprises:

a stand ~~disposed at the bottom;~~

a rotational crank rotatably installed on ~~an end of the top of the stand,~~ wherein said rotational crank comprises an eccentric ~~eylindrical~~ push rod and a handle;

a movable blade frame slidably installed on the stand, wherein said movable blade frame has a plurality of blades and a reverse U-shaped fork, and the reverse U-shaped fork end of the movable blade frame is operably ~~connected~~ engaged with the eccentric push rod of the rotational crank by constraining the eccentric push rod in a space defined by the reverse U-shaped fork so that, and when the rotational crank rotates, the movable blade frame is reciprocatingly moved;

a housing fixed on the an upper portion of the stand, wherein the housing has a through hole for receiving putting the food stuff to be sliced ~~from the above;~~ and

a food stuff pressing plate inserted in the through hole of the housing.

2. (currently amended) The fruit/vegetable slicer of Claim 1, characterized in that there are two rectangular groove-shaped lower wheel shaft tracks respectively disposed at the a front portion and the a back portion of each of two opposite sides ~~on either side of said stand,~~ and a plastic shaft support in the shape of a quarter-circle extends from ~~the end of the a top portion~~ of the stand, a half-circle shaped lower rotational crank shaft groove is disposed respectively on ~~both~~ two opposite sides of the plastic shaft support, and there is a rectangular slidable lockhole disposed at the one end of the plastic shaft support, and a cuboid slidable lock is mounted at the a center of the lockhole.

3. (currently amended) The fruit/vegetable slicer of Claim 1, characterized in that a cylindrical push rod body having an axis is disposed at the a central part of the eccentric eylindrical push rod of the rotational crank, and two push rod shafts are respectively disposed on the two opposite ends of the cylindrical push rod body, side portions at the axes of the rotational crank, and the two push rod shafts are joined together through a long plastic block and are located at different axes wherein the axis of the push rod body is not coaxial with a rotation axis of the eccentric push rod.

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4. (currently amended) The fruit/vegetable slicer of Claim 1, characterized in that said movable blade frame has a rectangular blade frame body and ~~a reverse U-shaped fork~~ accommodating the plurality of blades, a rectangular plastic frame is disposed on the exterior of said blade frame body, and two circular rolling wheels are disposed respectively at ~~the~~ a front portion and ~~the~~ a back portion on ~~both~~ two opposite sides of the plastic frame, and the plurality of blades ~~at the central part of the plastic frame~~ comprise toothed blades.

5. (currently amended) The fruit/vegetable slicer of Claim 1, characterized in that said housing is rectangular in shape, and ~~it can be complementarily engaged with the surface of said stand~~, and a ~~big square~~ through hole of the housing is disposed at ~~the~~ a center thereof portion of the housing, and ~~the front and back edges at its bottom~~ of two opposite sidewalls of the through hole are both wavy edges, ~~meanwhile~~, two in-hole projection tracks are disposed at ~~the central positions on both sides~~ the two opposite sidewalls of the through hole, and ~~at the central positions of the surface of the housing~~, ~~there is~~ a depressed housing pressing plate engaging recessed stripe is disposed respectively on ~~both the left and the right~~ two sides of the housing, and two rectangular groove-shaped upper wheel shaft tracks are disposed respectively at ~~the front and the back~~ on both the two sides of the housing, ~~in addition~~, a quarter circle shaped mechanism extends ~~likewise from its~~ one end of the housing, on both two opposite sides of the quarter circle shaped mechanism ~~which~~ there is disposed an upper rotational crank shaft groove in the shape of a half circle groove, and at ~~the~~ one end of the quarter-circle shaped mechanism there is a protruding barb of ~~the~~ a slidable lock.

6. (currently amended) The fruit/vegetable slicer of Claim 1, characterized in that said food stuff pressing plate has a square shape which is complementary with the through hole of said housing, ~~while at the central positions of the surface of the housing~~, there is a depressed housing pressing plate engaging recessed stripe disposed respectively on ~~both the left and the right~~ two sides of the housing, and an array of reverse V-shaped plastic pieces are disposed at ~~its bottom~~ of the food stuff pressing plate, ~~meanwhile~~, a depressed pressing plate recessed track is disposed at the central positions on both two opposite sides of the array of ~~the drooping~~ reverse V-shaped plastic pieces.

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7. (new) A fruit/vegetable slicer for slicing food stuff, characterized in that it comprises:

a stand;

a rotational crank rotatably installed on the stand, wherein said rotational crank comprises an eccentric push rod and a handle;

a movable blade frame slidably installed on the stand, wherein said movable blade frame has a plurality of blades and is operably engaged with the rotational crank, and when the rotational crank rotates, the movable blade frame is reciprocatingly moved;

a housing fixed on an upper portion of the stand, wherein the housing has a through hole for receiving the food stuff to be sliced; and

a food stuff pressing plate inserted in the through hole of the housing;

wherein a lower wheel shaft track is respectively disposed at two opposite sides of the stand, and a shaft support extends from a top portion of the stand, a lower rotational crank shaft groove is disposed respectively on two opposite sides of the shaft support, and a slidable lockhole is disposed at one end of the shaft support, and a slidable lock is mounted at a center of the lockhole.

8. (new) A fruit/vegetable slicer for slicing food stuff, characterized in that it comprises:

a stand;

a rotational crank rotatably installed on the stand, wherein said rotational crank comprises an eccentric push rod and a handle;

a movable blade frame slidably installed on the stand, wherein said movable blade frame has a plurality of blades and is operably engaged with the rotational crank, and when the rotational crank rotates, the movable blade frame is reciprocatingly moved;

a housing fixed on an upper portion of the stand, wherein the housing has a through hole for receiving the food stuff to be sliced; and

a food stuff pressing plate inserted in the through hole of the housing;

wherein the movable blade frame has a rectangular blade frame body accommodating the plurality of blades and a reverse U-shaped fork, a rectangular plastic frame is disposed on the blade frame body, and two circular rolling wheels are disposed respectively at a front portion and a back portion on two opposite sides of the plastic frame, and the plurality of blades comprise

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toothed blades.

9. (new) A fruit/vegetable slicer for slicing food stuff, characterized in that it comprises:

a stand;

a rotational crank rotatably installed on the stand, wherein said rotational crank comprises an eccentric push rod and a handle;

a movable blade frame slidably installed on the stand, wherein said movable blade frame has a plurality of blades and is operably engaged with the rotational crank, and when the rotational crank rotates, the movable blade frame is reciprocatingly moved;

a housing fixed on an upper portion of the stand, wherein the housing has a through hole for receiving the food stuff to be sliced; and

a food stuff pressing plate inserted in the through hole of the housing;

wherein the food stuff pressing plate has a square shape which is complementary with the through hole of the housing, a depressed housing pressing plate engaging recessed stripe is disposed respectively on two sides of the housing, and an array of reverse V-shaped pieces are disposed at bottom of the food stuff pressing plate, a depressed pressing plate recessed track is disposed at central positions on two opposite sides of the array of reverse V-shaped plastic pieces.